

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,158,577 B1  
APPLICATION NO. : 09/705776  
DATED : January 2, 2007  
INVENTOR(S) : Mitsuaki Oshima

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**ON THE TITLE PAGE**

On page 2, under Foreign Patent Documents, right column, line 55, please change "JP 2-216279" to --JP 2-218279--.

On page 2, under Foreign Patent Documents, right column, line 68, please change "JP 2004-1591207" to --JP 2004-159207--.

In column 64, line 10, "interval, and first" should read --interval, and the first--.

In column 64, line 12, "the second second converted" should read --the second converted--.

In column 66, line 10, "modulated signal;" should read --modulated signals;--.

In column 67, line 42, "is a fist modulated" should read --is a first modulated--.

In column 67, line 61, "the interval data." should read --the information of the interval data.--.

Signed and Sealed this

Twenty-fifth Day of December, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D" at the end.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*